

REMARKS

Claims 1-11 are pending in the present application. Claim 1 is independent.

The claims have been amended to correct minor informalities and to clarify the invention according to U.S. practice. These modifications are fully supported by the original disclosure, e.g., paragraph [00118] of the specification.

IDS Filed

Applicants respectfully request the Examiner to return the initialed Form-1449 filed with the Information Disclosure Statement filed November 14, 2005.

35 U.S.C. § 102 Rejection

Claims 13, 5-8, 10, and 11 have been rejected under 35 U.S.C. § 102(b) as being anticipated by Sato et al. ("Full-Color Fluorescent Display Devices Using A Near-UV Light-Emitting Diode"), Japanese J. Appl. Phys. Vol. 35, 1996). This rejection is respectfully traversed.

Regarding independent claim 1, the Examiner alleges that Sato et al. anticipates each and every feature recited in claim 1. To support his position, however, the Examiner merely recites Figure 4 of Sato et al. and does not specify how or which feature in Figure 4 of Sato et al. teaches each feature recited in claim 1. Accordingly, Applicants cannot adequately address the Examiner's rejection. If the Examiner were to maintain the same rejection in the next Office Action, the Examiner is respectfully requested to, for each of the claimed features, to identify which element of Figure 4 of Sato et al. reads on the claimed feature.

First, Figure 4 of Sato et al. discloses a chromaticity diagram and points (a) through (d) are plotted on the diagram. Applicants do not know which of these points (a) through (d) the Examiner is relying on to reject claim 1, as discussed above.

Second, Applicants respectfully point out that all of these points (a) through (d) represent a light emitted from phosphor and not from “semiconductor light emitting component,” as recited. Specifically, points (a) through (d) represent a light emitted from ZnS-based phosphor excited by UV LED (please see the description of Figure 4). Thus, if the Examiner is interpreting that point (c) corresponds to a peak of the spectrum generated by the light emitting component, and point (a) or (d) corresponds to a peak of the spectrum of the phosphor, this interpretation is incorrect.

In Applicants’ claimed invention, “a straight line connecting a point of chromaticity corresponding to a peak of a spectrum generated by the [semiconductor] light emitting component and a point of chromaticity corresponding to a peak of a spectrum generated by the phosphor is along with a black body radiation locus in a chromaticity diagram” as required by claim 1. Applicants’ claimed “light emitting component” is a semiconductor light emitting component, and does not include “phosphor.” This means Figure 4 of Sato et al. does not and can not anticipate, *inter alia*, “a semiconductor light emitting component ..., wherein a straight line connecting a point of chromaticity corresponding to a peak of a spectrum generated by the light emitting component” (emphasis added) recited in claim 1. This feature is completely absent from Sato et al.

Accordingly, the invention as set forth in independent claim 1 and its dependent claims (due to their dependency) is patentable over Sato et al., and the rejection is improper and must be withdrawn.

Claims 1, 3, and 4 have been under 35 U.S.C. § 102(b) as being anticipated by de Hair et al. (U.S Patent No. 4,644,223). This rejection is respectfully traversed.

Again, in rejecting these claims, the Examiner merely recites that Figure 1 of de Hair et al. teaches each and every feature of independent claim 1. This is insufficient for Applicants to effectively address the rejection. Thus the rejection is incomplete and improper and should be withdrawn.

In the alternative, de Hair et al. is directed to a low-pressure mercury lamp where a luminous material emits light under an excitation by UV light from mercury. Figure 1 of de Hair et al. is a chromaticity diagram, but merely shows "the color point of a number of lamps and luminous materials" as set forth in Col. 6, lines 62-63 of de Hair et al. Figure 1 of de Hair et al. does not disclose any chromaticity point corresponding to a peak of a spectrum generated by the [semiconductor] light emitting component, as required by claim 1.

Accordingly, the invention as set forth in independent claim 1 and its dependent claims (due to their dependency) is patentable over de Hair et al., and the rejection is improper and must be withdrawn.

35 U.S.C. § 103(a) Rejection

Claim 9 has been rejected under 35 U.S.C. § 103(a) as being unpatentable over Sato et al. in view of Chinone et al. (U.S. Patent No. 4,905,060). This rejection is respectfully traversed.

As discussed above, Sato et al. does not teach or suggest at least the above-noted feature recited in independent claim 1 from which claim 9 depends. Further, Chinone et al. does not overcome this deficiency of Sato et al. since it is relied upon for teaching a specific wall structure. Thus, even if the references were combinable, assuming *arguendo*, the combination of references would still fail to teach or suggest the invention as recited in claim 1 and its dependent claim 9 (due to its dependency). Accordingly, the rejection is improper and should be withdrawn.

CONCLUSION

For the foregoing reasons and in view of the above clarifying amendments, the Examiner is respectfully requested to reconsider and withdraw all of the objections and rejections of record, and to provide an early issuance of a Notice of Allowance.

Application No. 10/609,402
Amendment dated January 19, 2006
Reply to Office Action of August 19, 2005

Docket No.: 0020-5147P

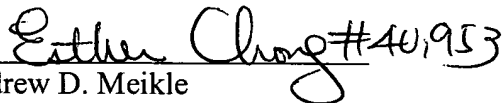
Pursuant to 37 C.F.R. 1.17 and 1.136(a), the Applicants respectfully petition for a two (2) months extension of time for filing a reply in connection with the present application, and the required fee of \$450.00 is attached.

Should there be any outstanding matters which need to be resolved in the present application, the Examiner is respectfully requested to contact Esther H. Chong (Registration No. 40,953) at the telephone number of the undersigned below, to conduct an interview in an effort to expedite prosecution in connection with the present application.

If necessary, the Commissioner is hereby authorized in this, concurrent, and further replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Dated: January 19, 2006

Respectfully submitted,

By  #40,953
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